PR6423/002-121 CON041

Emerson / Eddy-current proximity measurement set

Installation and commissioning checks for Emerson PR6423/002-121 CON041.

01 Identify the installed configuration

During replacement, retain the mechanical target track, mounting position and cable route. Set the initial probe gap using the approved converter output and compare the restored signal with the pre-service baseline before enabling machinery protection.

02 Prepare the change

Record the complete marking, companion hardware and project settings before removing the installed item.

01 Match the probe option

Compare PR6423/002-121 and CON041 with both offered labels and the installed channel.

02 Inspect the target

Review target material, surface condition and probe track.

03 Preserve the cable chain

Match extension cable, connector and total cable arrangement.

03 Fit and configure

04 Protect the probe

Avoid impact on the tip and over-bending the cable at its casing exit.

05 Set the cold gap

Use the approved converter voltage and site gap-setting procedure.

06 Verify the channel

Compare the steady gap and dynamic response against the baseline.

Source and application boundary

Emerson PR 642x eddy-current sensor specifications and CON041 signal-converter product information.

PR6423 and CON041 family descriptions establish the measurement roles; option-specific ratings for /002-121 are reserved for the supplied labels and approved chain configuration.

Related product references

Separate product listings for project review; confirm each order code and system fit independently.

Emerson KJ1501X1-BC1 12P2186X032 VE5008	Emerson KJ2003X1-BB1 12P3439X012
Emerson KJ2003X1-BB1 12P3439X012 VE3006	Emerson KJ3002X1-BA1 12P0680X072 VE4003S2B2
Emerson KJ3002X1-BF1 12P1732X082 VE4003S6B1	Emerson KJ3203X1-BA1 12P3270X042 VE4001S2T2B4

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Send the complete model and installed-system details when requesting a quotation.